

Title (en)

DEVICE FOR RECOVERING LUBRICATING OIL FROM AN EPICYCLIC REDUCTION GEAR

Title (de)

VORRICHTUNG ZUR RÜCKGEWINNUNG VON SCHMIERÖL AUS EINEM EPIZYKLISCHEN UNTERSETZUNGSGETRIEBE

Title (fr)

DISPOSITIF DE RÉCUPÉRATION DE L'HUILE DE LUBRIFICATION D'UN RÉDUCTEUR ÉPICYCLOÏDAL

Publication

**EP 2834503 B1 20180411 (FR)**

Application

**EP 13710502 A 20130222**

Priority

- FR 1251655 A 20120223
- FR 1251656 A 20120223
- FR 2013050361 W 20130222

Abstract (en)

[origin: WO2013124590A1] An epicyclic reduction gear, comprising a planetary gear (11) movable in rotation about an axis of rotation, planet pinions (12) driven by said planetary gear and movable in rotation about axes of planet gears (16) carried by a planet carrier (13), said planet pinions rolling on a fixed ring gear (14) and said planet carrier being axially positioned laterally relative to said ring gear, the gear formed by the planet pinions (12) and the ring gear (14) being formed to axially eject the lubricating oil thereof after use, characterised in that the planet carrier (13) comprises a radial extension positioned facing said gear and forming a means for guiding said oil to the radial end thereof to be ejected from there by centrifugation.

IPC 8 full level

**F02C 7/36** (2006.01); **F16H 1/36** (2006.01); **F16H 57/04** (2010.01)

CPC (source: EP RU US)

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**WO 2013124590 A1 20130829**; BR 112014020616 A2 20200630; BR 112014020616 B1 20211221; CA 2864975 A1 20130829; CA 2864975 C 20190312; CN 104169546 A 20141126; CN 104169546 B 20170503; EP 2834503 A1 20150211; EP 2834503 B1 20180411; JP 2015513648 A 20150514; JP 6178344 B2 20170809; RU 2014136992 A 20160410; RU 2627990 C2 20170814; US 2015300255 A1 20151022; US 9404420 B2 20160802

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